

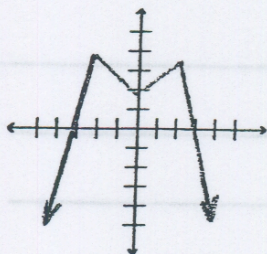
NAME _____

PERIOD _____ DATE _____

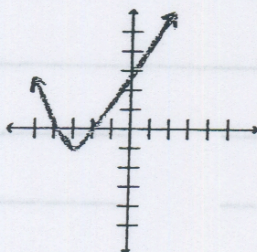
ZEROS OF A FUNCTION

Read the zeros of each function from its graph.

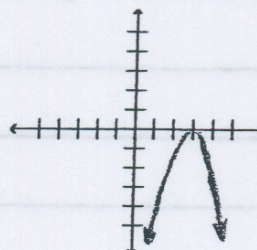
1) _____



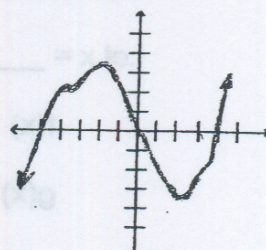
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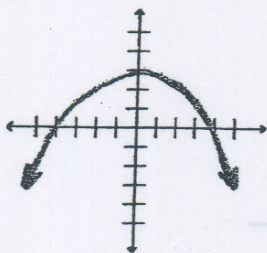
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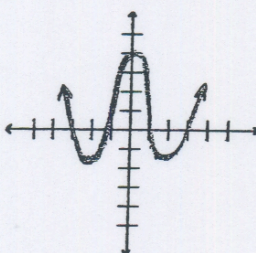
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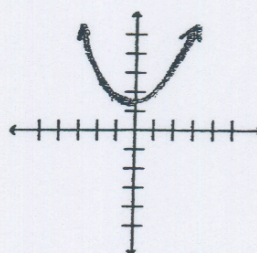
5) _____



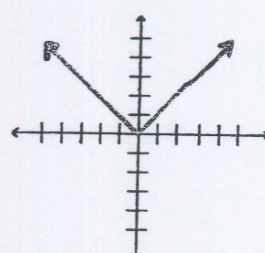
6) _____



7) _____



8) _____



Find the zeros of each function algebraically.

1) $f(x) = 3x - 1$

6) $f(x) = x^2 + x - 12$

2) $h(x) = -5x + 2$

7) $h(x) = 2x^2 - x - 36$

3) $g(x) = 2x + 6$

8) $f(x) = x^2 + x - 20$

4) $f(x) = -2x - 3$

9) $h(x) = 3x^2 - x$

5) $g(x) = x^2 - 9$

10) $g(x) = 2x^2 - 8$

Which of the numbers 1, 2, 3, and 6 are zeros of $f(x) = x^3 - 6x^2 + 11x - 6$?